

***LineUp With Math™* Alignment to
Wyoming Mathematics Content and Performance Standards
Adopted July 7, 2003**

Content Standard 1: Number Operations and Concepts

Students use numbers, number sense, and number relationships in a problem-solving situation.

Benchmark

3. Students explain their choice of estimation and problem-solving strategies and justify results in problem-solving situations involving rational numbers.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

Content Standard 2: Geometry

Students apply geometric concepts, properties, and relationships in problem-solving situations.

Benchmark

4. Students communicate the reasoning used in identifying geometric relationships in problem-solving situations appropriate to grade level.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

-- Predict and plot the relative motion of two or more airplanes on given paths.

--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.